BEFORE

THE PUBLIC SERVICE COMMISSION OF

SOUTH CAROLINA

DOCKET NO. 2009-473-WS

IN R	E:)
Inc. f and n and c	ication of Tega Cay Water Service, for adjustment of rates and charges nodifications to certain terms onditions for the provision of and sewer service. The result of the provision of the provi
Q.	ARE YOU THE SAME STEVE LUBERTOZZI THAT HAS PREFILED
	DIRECT TESTIMONY IN THIS CASE?
A.	Yes, I am.
Q.	WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?
A.	The purpose of my rebuttal testimony is to respond on behalf of Tega Cay Water
	Service, Inc., or TCWS, to certain aspects of the testimony and exhibits which have
	been pre-filed by the Office of Regulatory Staff, or ORS and the City of Tega Cay.
Q.	MR. LUBERTOZZI HAVE YOU REVIEWED THE PRE-FILED TESTIMONY
	OF CHRISTINA STUTZ ON BEHALF OF ORS IN THIS MATTER?
A.	Yes, I have reviewed her testimony and the Audit Department Report she attached to
	her testimony.
	Applinc. frand mand cowater Q. A. Q. A.

1	Q.	ARE THERE ANY ADJUSTMENTS DETAILED IN MS. STUTZ'S
2		TESTIMONY AND THE ORS AUDIT REPORT WITH WHICH YOU
3		AGREE?
4	A.	Yes, I agree with quite a few of the adjustments.
5		Specifically, the Company accepts the following adjustments proposed by ORS:
6		Numbers 1-3 (Adjustments A-C) – Total Operating Revenues and
7		Uncollectible Accounts - Tega Cay Water Service, Inc. (TCWS) agrees with the
8		\$11,356 adjustment to Service Revenues, Miscellaneous Revenues and Uncollectible
9		Accounts to reflect test year adjustments.
10		Numbers 4-12 (Adjustments D-L) - Maintenance Expenses - TCWS agrees
11		with ORS's proposed adjustments to Salary & Wages, Purchased Power, Purchased
12		Sewer & Water, Maintenance and Repair, Maintenance Testing, Chemicals,
13		Transportation, Operating Expenses Charged to Plant, and Outside Services total of
14		\$45,305.
15		Numbers 13,14,16-18 (Adjustment M, N, P-R) – General Expenses – TCWS
16		agrees with the (\$43,294) adjustment to General Expenses relating to Salary & Wages,
17		Office Supplies & Other Office Expense, Pension & Other Benefits, Insurance, Office
18		Utilities and Miscellaneous.
19		Numbers 19-23 (Adjustment S-V) –TCWS agrees with the \$21,528 adjustment
20		to reflect the Depreciation, Taxes Other Than Income, Deferred Income Taxes-State &
21		Federal, Income Taxes- State & Federal, Amortization CIAC expense.

	Numbers 30 (Adjustment W) – Interest During Construction – TCWS agr	rees
,	with the elimination of the \$24,894 in IDC costs for rate making purposes.	Γhis
;	adjustment was proposed by TCWS in the original filing.	

5 Q. ARE THERE ANY ADJUSTMENTS DETAILED IN THE ORS AUDIT

6 REPORT AND TESTIMONY THAT YOU DISAGREE WITH?

Yes, there are two specific adjustments proposed by ORS with which we do not agree.

Also, these proposed adjustments would affect certain other fallout, or related item adjustments, such as cash working capital. Therefore, the Company would disagree with these fallout adjustments as well.

Α.

Q. WOULD YOU PLEASE DISCUSS THE FIRST ORS ADJUSTMENT WITH WHICH YOU DISAGREE?

Yes. I disagree with Numbers 26-28 (ORS Adjustment X and Y) related to Gross Plant in Service and Accumulated Depreciation. ORS disallowed \$561,547 of projects that were completed and in service in May of 2010. The actual completed cost for the UV disinfection and Phosphorous control projects is \$681,839. Invoices and supporting general ledgers were submitted to ORS. Also, a retirement entry for the removal of chlorination/dechlorination equipment was provided to ORS and is included in the rebuttal exhibits.

1 Q. WOULD YOU PLEASE DISCUSS THE NEXT ORS ADJUSTMENT WITH

2 WHICH YOU DISAGREE?

A. Yes, it is Number 15 (Adjustment O) for Rate Case Expense. ORS's adjustment does not include the costs necessary to resolve this rate proceeding. There should be no argument that the Company has incurred or will incur additional costs to resolve this case totaling \$126,886. The Commission should allow these estimated costs to be included in the rate case expense, or in the alternative, allow the actual costs incurred through the hearing date to be included for ratemaking purposes as it has done in past proceedings. Also, the Company proposes to amortize the rate case costs related to the previous rate case that have not previously been recovered by the Company. The expenses associated with both rate cases are reasonable, necessary and recoverable expenses. Furthermore, these rate case costs are necessary to insure the Company can provide reliable utility service to its customers.

O. DOES THE COMPANY AGREE WITH ORS FIVE YEAR AMORTIZATION

PERIOD?

17 A. No, it does not.

19 Q. ARE THERE ANY OTHER ADJUSTMENTS WITH WHICH YOU

DISAGREE?

A. Although I agree with ORS's methodology in calculating the amounts, I partially disagree with ORS Adjustment Z. Because it is fall out item, the amount will change due to the change in related plant account.

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FINANCIAL STATEMENTS INCLUDED WITH ITS APPLICATION TO

4 REFLECT THOSE ADJUSTMENTS WITH WHICH YOU AGREE?

- 5 A. Yes. An updated version of these financial statements is attached to my testimony as
- 6 SML Rebuttal Exhibit 1.

7

9

8 Q. WHAT DO THE EXHIBITS REFLECT AS IT PERTAINS TO TOTAL

REVENUES AND THE RATES THAT WERE NOTICED?

10 SML Rebuttal Exhibit 1 includes all of the adjustments referenced above, including Α. 11 the full cost of the UV projects and total rate case expense, including and estimate to 12 bring this case to conclusion. After the adjustments referenced above the total 13 additional new revenue needed for water and wastewater to get the Company to an 14 overall Return on Common Equity of 11.18%, which is the midpoint of Mrs. Ahern's 15 range, is \$86,820 and \$193,194 respectively. In addition, the rates for water customers would include a base facility charge of \$9.42 and per thousand gallon rate of \$2.11 and 16 17 a wastewater rate of \$41.64. However, as the parties are aware these revenues and 18 resulting rates are above the noticed rates and the revenues included in the original 19 filing.

- 21 Q. SO WHAT IS THE COMPANY'S POSTION AND FINAL REQUESTED
- 22 **REVENUES?**

A. In order for the Company to have the opportunity to cover all of its operating expenses, including gross receipts taxes, depreciation, income taxes and cost of debt and the opportunity to earn a reasonable return on its investment the Company would need to generate revenues higher than what was included in the original filling and what was included in the customer notices. With that limitation the Company is seeking final rates consistent with the rates contained it the original filing and customer notice.

8

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Q. WHAT WERE THE ORIGINAL NOTICED RATES?

10 A. The original noticed rates included a \$9.21 base facility charge and \$2.06 per thousand 11 gallons for water customers and \$40.12 base facility charge for wastewater customer.

12

13

Q. USING THOSE RATES AS A CEILING WHAT WOULD BE THE RESULING

14 **ROE?**

15 A. Using the noticed rates and the Company's Rate base and adjustments previously
16 discussed would generate an ROE of 9.60%

1	Q.	MR. MORGAN REQUESTED IN HIS TESTIMONY THAT TCWS BE
2		REQUIRED TO PROVIDE MONTHLY ELECTRONIC NOTICE OF BILL
3		STATEMENT AVAILABILITY AND A WEB ADDRESS FOR ELECTRONIC
4		BILLING. DOES THE COMPANY AGREE WITH MR. MORGAN'S
5		REQUEST?
6	A.	Yes. We are going to offer online bill view, which we are testing with select
7		customers now. Our E-Billing offering will be launched in early 2011, if not fourth
8		quarter of 2010. It will have the capabilities that Mr. Morgan requests.
9		
10	Q.	WHAT COMMENT DO YOU HAVE REGARDING THE STATEMENT THAT
11		CUSTOMER FRANK RUBBO MADE ABOUT IRREGULAR BILLING
12		CYCLES?
13	A.	There was a misunderstanding of the read process with CC&B on the part of our meter
14		reader that did cause some fluctuation in this customer's billing cycles. We also had
15		some problems maintaining meter reads and scheduling issues with meter readers,
16		both of which have improved with the current staff of meter readers.
17		
18	Q.	MR. MORGAN STATED IN HIS TESTIMONY THAT TCWS SHOULD
19		REVISE ITS COLLECTION PRACTICE; WHAT IS THE STATUS OF
20		TCWS'S EFFORTS IN THAT REGARD?
21	A.	In December 2009, we enhanced our collection process by implementing
22		outbound collection calls, abbreviating the timeline, building new relationships with

- external collections agencies and dedicating resources to collection management. The following list illustrates the specific initiatives currently in place:

 1. Outbound collections calls for all past due accounts receivable, with
 - 1. Outbound collections calls for all past due accounts receivable, with dedicated Collections Agent placed in the Pacific Time Zone to increase the probability of connecting with customers. Based on a very successful collection rate, the company is analyzing the opportunity for additional benefit if more resources are dedicated to the outbound process.
 - 2. Dedicated leadership resource to manage the internal and external collections to bad debt process.
 - 3. Termination of our relationship with NCO, the sole collections resource for many years, due to unacceptable performance.
 - 4. New relationships formed with two collection agencies to enable a "challenger champion" approach and allow focus according to specific geographical experience.
 - 5. Abbreviated the written process for collections by eliminating three letters and shortening the time intervals between actions.
 - 6. Established Key Performance Indicators on Corporate Scorecards to measure each bucket of A/R and Bad Debt as a percentage of revenue and amounts collected.
 - 7. Publish daily tracking log of outbound calls initiated, connected with customers and amounts collected as well as amounts promised.
 - 8. Created multiple reports in CC&B to track performance.

- 1 Q. MR. MORGAN COMMENTED ON THE STATUS OF THE PERFORMANCE
- 2 BOND FOR TEGA CAY. DO YOU AGREE WITH THE
- 3 **RECOMMENDATION?**
- 4 A. Yes, I do.

- 6 Q. DO YOU AGREE WITH MS. STUTZ THAT TCWS DOES NOT MAINTAIN
- 7 ITS BOOKS AND RECORDS IN ACCORDANCE WITH PSC RULES AND
- **REGULATIONS?**
- 9 A. No, I do not. TCWS believes that it does keep its books and records in accordance 10 with the Uniform System of Accounts, or USOA, because all of the information required by the USOA is available in an organized format that was available to and 11 12 used by ORS in its audit. As required by the National Association of Regulatory Utility Commissioners ("NARUC") USOA for Class B water and wastewater utilities, 13 14 of which the pertinent section is attached hereto as SML Rebuttal Exhibit 2, TCWS is 15 not required to adopt the numbering scheme proposed by ORS. Rather, the USOA 16 states that this numbering scheme is solely for the convenience of reference and that 17 each utility may adopt such scheme of account numbers as it deems appropriate. The 18 USOA further provides that the Company is required to keep a list of the account 19 numbers and subdivisions readily available and a reconciliation of those numbers with 20 the account numbers and titles provided therein. TCWS provided the reconciliation 21 list of the account numbers in the course of ORS's audit and, as Ms. Stutz states in her testimony, provided documentation to ORS which included the NARUC USOA 22 23 account listings for the ease of ORS's reference. Therefore, I respectfully disagree

1		with Ms. Stutz's assertion that the Company is not maintaining its books and records								
2		as required by the NARUC USOA.								
3										
4	Q.	DURING THE AUDIT CONDUCTED BY ORS WERE YOU MADE AWARE								
5		OF ANY PROBLEMS ARISING FROM THE NUMBERING ISSUE THAT								
6		YOU JUST DISCUSSED?								
7	A.	No I was not. Of course, TCWS wants to insure that the information contained it its								
8		books and records can be accessed by ORS using the USOA numbering system and								
9		believes that it meets the requirements of the regulation in that regard.								
10										
11	Q.	MR. HARTMAN DISCUSSES HIS FINDINGS ON CAPITAL								
12		IMPROVEMENTS. DO YOU AGREE WITH THE FINDINGS?								
13	A.	Yes, I do. While Mr. Hartman does not propose an adjustment to remove the pro								
14		forma projects associated with the UV plant, he reserves the right to review the status								
15		of the projects. We have provided the supporting documentation for the projects								
16		which are currently in service. The documentation is readily available for review.								
17										
18	Q.	DO YOU AGREE WITH MR. HARTMAN'S ADJUSTMENT TO REMOVE								
19		CPI?								
20	A.	Yes, I do. This adjustment is reflected in my rebuttal exhibits.								
21										
22	Q.	DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?								
23	A.	Yes, it does.								

SL Rebuttal Exhibit 1 Schedule A

BALANCE SHEET 12/31/2008

<u>ASSETS</u>		LIABILITIES AND OTHER CREDITS		
Plant In Service Water	\$ 2,653,429	Capital Stock and Retained Earnings		
Sewer	 9,819,202	Common Stock and Paid In Capital Retained Earnings	\$	(2,694,890) 975,751
Total	\$ 12,472,631	Total	\$	(1,719,139)
Accumulated Depreciation-Water Accumulated Depreciation-Sewer	(740,755) (2,861,197)	Current and Accrued Liabilities	·	
Total	\$ (3,601,952)	Accounts Payable-Trade Taxes Accrued		(72,266) (1,289)
Net Utility Plant	\$ 8,870,678	Customer Deposits Customer Deposits - Interest A/P - Assoc. Companies		(22,445) (28,782) 310,782
	_	Deferred Revenue Total	¢	197,001
Plant Acquisition Adjustment-Water Plant Acquisition Adjustment-Sewer	 - -	Advances In Aid of Construction Water	\$	186,001
Total	\$ <u>-</u>	Sewer		-
Construction Work In Process-Water	1,522	Total	\$	
Construction Work In Process-Sewer	 364,680	Contributions In Aid of Construction Water		(1,576,239)
Total	\$ 366,202	Sewer		(4,749,881)
Current Assets Cash	(78)	Total	\$	(6,326,120)
Accounts Receivable - Net Other Current Assets	 (739,886) 162,691	Accumulated Deferred Income Tax Unamortized ITC		
Total	\$ (577,273)	Deferred Tax - Federal Deferred Tax - State		(616,145) (695)
Deferred Charges	 (183,509)	Total	\$	(616,840)
TOTAL ASSETS	\$ 8,476,098	TOTAL LIABILITIES AND OTHER CREDITS	\$	(8,476,098)

Tega Cay Water Service, Inc. Combined Operations Test Year Ended December 31, 2008

	Per Books	Pro Forma Adjustments	Pro Forma Present	Proposed Increase	Pro Forma Proposed
Operating Revenues					
Service Revenues - Water	\$ 366,602	\$ (1,074) [a]		\$ 86,820	\$ 452,348
Service Revenues - Sewer	736,879	3,331 [a]	740,210	193,194	933,404
Miscellaneous Revenues	24,252	3,420 [a]	27,672	-	27,672
Uncollectible Accounts	(7,790)	5,679 [a]	(2,111)	(535)	(2,646)
Total Operating Revenues	1,119,943	11,356	1,131,299	279,480	1,410,779
Maintenance Expenses					
Salaries and Wages	195,274	(16,910) [a]	178,364	-	178,364
Purchased Power	54,879	- [a]	54,879	_	54,879
Purchased Sewer & Water	(84,298)	80,152 [a]	(4,146)	_	(4,146)
Maintenance and Repair	230,065	13,813 [a]	243,878	_	243,878
Maintenance Testing	37,380	(16,092) [a]	21,288	_	21,288
Chemicals	23,314	- [a]	23,314	_	23,314
Transportation	37,915	(13,899) [a]	24,016	_	24,016
Operating Exp. Charged to Plant	(52,642)	(1,267) [a]	(53,909)	_	(53,909)
Outside Services - Other	26,089	(492) [a]	25,597	-	25,597
Total	467,976	45,305	513,281		513,281
General Expenses					
Salaries and Wages	105,000	(43,540) [a]	61,460	_	61,460
Office Supplies & Other Office Exp.	40,311	(1,272) [a]	39,039	_	39,039
Regulatory Commission Exp.	54,588	(12,293) [b]	42,295	_	42,295
Pension & Other Benefits	62,718	3,554 [a]	66,272	_	66,272
Insurance	27,675	- [a]	27,675	_	27,675
Office Utilities	24,677	(592) [a]	24,085	_	24,085
Miscellaneous	18,198	(1,444) [a]	16,754		16,754
Total	333,167	(55,587)	277,580		277,580
Depreciation	291,862	(59,712) [a]	232,150	_	232,150
Taxes Other Than Income	90,700	21,670 [a]	112,370	2,686	115,056
Deferred Income Tax - Fed	(19,773)	- [a]	(19,773)	· -	(19,773)
Deferred Income Tax - State	(3,060)	- [a]	(3,060)	_	(3,060)
Income Taxes - Federal	8,266	16,450 [a]	24,716	66,277	90,993
Income Taxes - State	(5,855)	0 [a]	(5,855)	19,538	13,683
Amortization of CIAC	(173,350)	43,120 [a]	(130,230)	-	(130,230)
Total	188,791	21,528	210,319	88,501	298,820
Total Operating Expenses	989,934	11,247	1,001,181	88,501	1,089,682
Net Operating Income	130,009	109	130,118	190,979	321,097
Interest During Construction Interest on Debt	(24,894) 142,758	24,894 [a] (13,480) [a]	- 129,277	<u>-</u>	- 129,277
Net Income	\$ 12,145	\$ (11,304)	\$ 841	\$ 190,979	\$ 191,820

Tega Cay Water Service, Inc. Water Operations

Test Year Ended December 31, 2008					. 8-
Test Teal Ended December 31, 2000	Per	Pro Forma	Pro Forma	Proposed	Pro Forma
Operating Revenues	Books	Adjustments	Present	Increase	Proposed
Service Revenues - Water	\$ 366,602	\$ (1,074) [a] \$ 365,528	\$ 86,820	\$ 452,348
Service Revenues - Sewer	-	· / -	a] -	-	-
Miscellaneous Revenues	8,057	8,090	a] 16,147	-	16,147
Uncollectible Accounts	(2,588)	1,894	[a] (694)	(165)	(859)
Total Operating Revenues	372,071	8,910	380,981	86,655	467,636
Maintenance Expenses					
Salaries and Wages	98,295	(8,513) [a] 89,782	-	89,782
Purchased Power	6,595	- [a] 6,595	-	6,595
Purchased Water	(84,298)	80,152 [a] (4,146)	-	(4,146)
Maintenance and Repair	43,734	6,953 [a] 50,687	-	50,687
Maintenance Testing	22,413	(8,101)	a] 14,312	-	14,312
Chemicals	11,735	- [a] 11,735	-	11,735
Transportation	19,085	(6,995)	a] 12,090	-	12,090
Operating Exp. Charged to Plant	(26,498)	(640)		-	(27,138)
Outside Services - Other	13,132	(248)	- '		12,884
Total	104,194	62,608	166,802		166,802
General Expenses					
Salaries and Wages	52,854	(21,918) [a] 30,936	-	30,936
Office Supplies & Other Office Exp.	20,291	(640) [a] 19,651	-	19,651
Regulatory Commission Exp.	27,478	(6,188) [b] 21,290	-	21,290
Pension & Other Benefits	31,570	1,789 [a] 33,359	-	33,359
Insurance	13,931	- [a] 13,931	-	13,931
Office Utilities	12,422	(298) [a] 12,124	-	12,124
Miscellaneous	9,160	(727)	a] 8,433		8,433
Total	167,705	(27,982)	139,724		139,724
Depreciation	81,853	(17,395) [[a] 64,458	-	64,458
Taxes Other Than Income	42,653	9,100 [a] 51,753	833	52,586
Deferred Income Tax - Fed	(6,569)	- [a] (6,569)	-	(6,569)
Deferred Income Tax - State	(1,017)	- 1	a] (1,017)	-	(1,017)
Income Taxes - Federal	2,746	(7,925)	- '	22,743	17,564
Income Taxes - State	(1,945)	· / -	a] (1,945)	4,586	2,641
Amortization of CIAC	(42,933)	10,646			(32,287)
Total	74,788	(5,574)	69,215	28,163	97,377
Total Operating Expenses	346,688	29,053	375,740	28,163	403,903
Net Operating Income	25,383	(20,143)	5,241	58,493	63,734
Interest During Construction	(5,079)	5,079 [[a] -	-	-
Interest on Debt	28,852	(5,323)	[a] 23,528		23,528
Net Income	\$ 1,611	\$ (19,898)	\$ (18,288)	\$ 58,493	\$ 40,205

Sewer Operations

Took Your Ended December 21, 2009						1 4 5 5 61 4
Test Year Ended December 31, 2008	Per Books	Pro Forma Adjustments		Pro Forma Present	Proposed Increase	Pro Forma Proposed
Operating Revenues			-			
Service Revenues - Water	-	-	[a]	-	-	-
Service Revenues - Sewer	\$ 736,879	\$ 3,331	[a]		\$ 193,194	\$ 933,404
Miscellaneous Revenues	16,195	(4,670)	[a]	\$ 11,525	-	11,525
Uncollectible Accounts	(5,202)	3,785	[a]	\$ (1,417)	(370)	 (1,787)
Total Operating Revenues	747,872	2,446	-	750,318	192,824	 943,142
Maintenance Expenses						
Salaries and Wages	96,980	(8,397)		88,583	-	88,583
Purchased Power	48,284	-	[a]	48,284	-	48,284
Purchased Sewer & Water	-	-	[a]	-	-	-
Maintenance and Repair	186,331	6,860		193,191	-	193,191
Maintenance Testing	14,967	(7,991)		6,976	-	6,976
Chemicals	11,578	-	[a]	11,578	-	11,578
Transportation	18,830	(6,904)			-	11,926
Operating Exp. Charged to Plant	(26,144)	(627)		(26,771)	-	(26,771)
Outside Services - Other	12,957	(244)	[a]	12,713		 12,713
Total	363,782	(17,303)	_	346,479		 346,479
General Expenses						
Salaries and Wages	52,146	(21,622)		30,524	-	30,524
Office Supplies & Other Office Exp.	20,020	(632)		19,388	-	19,388
Regulatory Commission Exp.	27,110	(6,105)			-	21,005
Pension & Other Benefits	31,148	1,765		32,913	-	32,913
Insurance	13,744	(204)	F. 1	13,744	-	13,744
Office Utilities	12,256	(294)		11,962	-	11,962
Miscellaneous	9,038	(717)	[a]	8,321		 8,321
Total	165,462	(27,605)	-	137,857		 137,857
Depreciation	210,009	(42,317)	[a]	167,692	-	167,692
Taxes Other Than Income	48,048	12,570	[a]	60,618	1,853	62,471
Deferred Income Tax - Fed	(13,204)	-	[a]	(13,204)	-	(13,204)
Deferred Income Tax - State	(2,043)	-	[a]	(2,043)	-	(2,043)
Income Taxes - Federal	5,520	24,375	[a]		43,534	73,428
Income Taxes - State	(3,910)	-	[a]		14,952	11,042
Amortization of CIAC	(130,417)	32,474	[a]	(97,943)		 (97,943)
Total	114,003	27,102		141,105	60,338	201,443
Total Operating Expenses	643,246	(17,806)		625,440	60,338	685,779
Net Operating Income	104,626	20,252	_	124,878	132,486	 257,363
Interest During Construction	(19,815)	19,815	[a]	_	_	_
Interest on Debt	113,906	(8,157)		105,749		 105,749
Net Income	\$ 10,535	\$ 8,594	=	\$ 19,129	\$ 132,486	\$ 151,614

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- [a] Per ORS notes Audit Exhibit CAS-1 thru CAS-3
- [b] Rate Case Expense has been adjusted to reflect current cost esitimated to hearing over a three year amortization period.

Tega Cay Water Service, Inc. Combined Operations Rate Base and Rate of Return Test Year Ended December 31, 2008

	_	Per Books	Pro Forma Adjustments		As Adjusted	-	Proposed Increase	_	Effect of Proposed Increase
Net Operating Income	\$_	130,009	109	\$ _	130,118		190,979	\$	321,097
Gross Plant In Service Accumulated Depreciation Net Plant In Service Cash Working Capital Contributions In Aid of Construction Accumulated Deferred Income Taxes Customer Deposits	\$ _ _	12,472,631 (3,601,952) 8,870,678 111,480 (6,326,120) (616,840) (51,227)	1,570,164 158,787 1,728,950 1,424 (43,120)	[c] [d] [a]	14,042,794 (3,443,166) 10,599,629 112,904 (6,369,241) (616,840) (51,227)	-	- - - - - -	\$	14,042,794 (3,443,166) 10,599,629 112,904 (6,369,241) (616,840) (51,227)
Total Rate Base	\$_	1,987,971 \$	1,687,254	\$	3,675,225	\$	-	\$_	3,675,225
Return on Rate Base	_	6.54%		_	3.54%			_	8.74%

Water Operations
Rate Base and Rate of Return
Test Year Ended December 31, 2008

Schedule C Page 2 of 5

Test Year Ended December 31, 2008	_	Per Books	Pro Forma Adjustments	_	As Adjusted	Proposed Increase	Effect of Proposed Increase
Net Operating Income	_	25,383	(20,143)	=	5,241	58,493	63,734
Gross Plant In Service	\$	2,653,429	581,256	[a]	3,234,685	-	3,234,685
Accumulated Depreciation		(740,755)	81,568	[a]	(659,187)	-	(659,187)
Net Plant In Service		1,912,673	662,824	_	2,575,497	-	2,575,497
Cash Working Capital		39,319	5,466	[a]	44,785	-	44,785
Contributions In Aid of Construction		(1,576,239)	(10,646)	[a]	(1,586,886)	-	(1,586,886)
Accumulated Deferred Income Taxes		(338,729)			(338,729)	-	(338,729)
Customer Deposits	_	(25,786)		_	(25,786)		(25,786)
Total Rate Base	\$_	11,238 \$	657,644	\$ =	668,882 \$	<u>-</u> \$	668,882
Return on Rate Base	=	225.87%		=	0.78%	=	9.53%

		G/L	G/L	G/L
		W & S	Water	Sewer
		12/31/08	12/31/08	12/31/08
1020	ORGANIZATION	125,040	125,040	-
1025	FRANCHISES	9,375	9,375	-
1045	LAND & LAND RIGHTS GEN PL	2,961	2,961	_
1050	STRUCT & IMPRV SRC SUPPLY	68,975	68,975	_
1055	STRUCT & IMPRV WTR TRT PL	10,685	10,685	_
1080	WELLS & SPRINGS	(351,290)	(351,290)	_
1090	SUPPLY MAINS	6,181	6,181	_
1105	ELECTRIC PUMP EQUIP WTP	19,698	19,698	_
1115	WATER TREATMENT EQPT	59,601	59,601	
1113	DIST RESV & STANDPIPES	248,233	248,233	_
1125	TRANS & DISTR MAINS	1,387,576	1,387,576	-
1130	SERVICE LINES	525,692	525,692	-
1135	METERS	33,026		-
1140	METERS METER INSTALLATIONS	99,511	33,026 99,511	-
	HYDRANTS			-
1145		87,305	87,305 47,100	46 FEO
1175	OFFICE STRUCT & IMPRV	93,749	47,190	46,559
1180	OFFICE FURN & EQPT	64,580	32,508	32,073
1190	TOOL SHOP & MISC EQPT	64,214	32,323	31,891
1195	LABORATORY EQUIPMENT	15,910	8,009	7,902
1205	COMMUNICATION EQPT	18,086	9,104	8,982
1220	OTHER TANGIBLE PLT WATER	(90,318)	(90,318)	-
1245	ORGANIZATION	119,455	-	119,455
1285	LAND & LAND RIGHTS GEN PL	8,075	-	8,075
1295	STRUCT/IMPRV PUMP PLT LS	745,044	-	745,044
1315	STRUCT/IMPRV GEN PLT	87,022	-	87,022
1330	POWER GEN EQUIP TREAT PLT	11,030	-	11,030
1345	SEWER FORCE MAIN	481,997	-	481,997
1350	SEWER GRAVITY MAIN	5,807,560	-	5,807,560
1360	SERVICES TO CUSTOMERS	1,697	-	1,697
1380	PUMPING EQUIPMENT PUMP PL	5,481	-	5,481
1395	TREAT/DISP EQUIP LAGOON	1,578	-	1,578
1400	TREAT/DISP EQUIP TRT PLT	2,131,299	-	2,131,299
1420	OUTFALL LINES	3,160	-	3,160
1435	OTHER PLT PUMP	855	-	855
1440	OTHER PLT TREATMENT	1,186	-	1,186
1470	TOOL SHOP & MISC EQPT	4,869	2,451	2,418
1480	POWER OPERATED EQUIP	348	175	173
1485	COMMUNICATION EQPT	757	381	376
1540	REUSE TRANMISSION & DIST	8,088	-	8,088
2620	UTIL PLANT ACQUIRED/DISPO	104,490	52,597	51,893
	Plant In Service	12,022,778	2,426,987	9,595,791
1555	TRANSPORTATION EQPT WTR	123,029	61,929	61,100
1000	COMPUTER EQUIPMENT	123,029	61,929	61,100
	COM OTHER EQUITMENT	120,027	01,727	01,100
1580	MAINFRAME COMPUTER WTR	7,579	3,815	3,764
1585	MINI COMPUTERS WTR	53,309	26,834	26,475
1590	COMP SYS COST WTR	258,609	130,176	128,434
1595	MICRO SYS COST WTR	7,325	3,687	3,638
	Computer Equipment	326,823	164,512	162,311
	Total Plant	12,472,631	2,653,429	9,819,202
		<u> </u>		

Sewer Operations Rate Base and Rate of Return Test Year Ended December 31, 2008 Schedule C Page 4 of 5

	_	Per Books	Pro Forma Adjustments	_	As Adjusted	_	Proposed Increase		Effect of Proposed Increase
Net Operating Income	_	104,626	20,252	=	124,878	_	132,486	_	257,363
Gross Plant In Service Accumulated Depreciation Net Plant In Service Cash Working Capital Contributions In Aid of Construction Accumulated Deferred Income Taxes Customer Deposits	\$	9,819,202 (2,861,197) 6,958,005 72,161 (4,749,881) (278,111) (25,441)	988,908 77,219 1,066,126 (4,042) (32,474)	[c] [d] [a]	10,808,110 (2,783,979) 8,024,131 68,119 (4,782,355) (278,111) (25,441)	_	- - - - -		10,808,110 (2,783,979) 8,024,131 68,119 (4,782,355) (278,111) (25,441)
Total Rate Base	\$_	1,976,733 \$	1,029,610	\$ _	3,006,344	\$ _		\$ <u></u>	3,006,344
Return on Rate Base	_	5.29%		=	4.15%			_	8.56%

Rate Base and Rate of Return

Test Year Ended December 31, 2008

Schedule C Page 5 of 5

- Per ORS notes Audit Exhibit CAS-1 thru CAS-3
- This is a fall out item and changes with new recommended levels of expense. To include 4 projects associated with UV desinfection. [b]
- [c]
- To include a retirement associated with the chlorination/dechlorination equipment.

Schedule E

Tega Cay Water Service, Inc. PROPOSED REVENUES

WATER	D		sage	DEC		** **		Jan-Dec
Bill code	Description	Ci	narge	BFC	Gallonage	Units	ŀ	Revenues
All Subs:								
48501	5/8" Res Wtr.	\$	2.11	\$ 9.42	108,758,466	21,911	\$	435,877
48502	5/8" Commercial Wtr.	\$	2.11	\$ 9.42	574,460	191	\$	3,011
48505	1" Commercial Wtr.	\$	2.11	\$ 9.42	273,520	88	\$	1,406
48506	2" Commecial Wtr.	\$	2.11	\$ 9.42	794,000	11	\$	1,779
48540	Hydrant Rental		-	\$ 10.38	-	990		10,275
	Total				110,400,446	23,191	\$	452,348
SEWER								
•		T T						
		U	sage					Jan-Dec
Bill code	Description		sage narge	Rate	Gallonage	Units		Jan-Dec Revenues
	Description		_		Gallonage		F	Revenues
Bill code All Subs:	Description		_	 Rate	Gallonage	Units	F	,
	Description 5/8" Res. Sewer		_	\$	Gallonage		F	Revenues
All Subs:		Cł	_	\$ Rate	Gallonage - -	Units	F	Revenues
All Subs: 48521	5/8" Res. Sewer	Cł	_	\$ Rate 41.64	Gallonage - -	Units 21,899	F	Revenues Revenues 911,835
All Subs: 48521 48522	5/8" Res. Sewer 5/8" Commercial Swr.	Cł	_	\$ Rate 41.64 41.64	Gallonage	Units 21,899 90	F	Revenues 911,835 3,747
All Subs: 48521 48522 48523	5/8" Res. Sewer 5/8" Commercial Swr. 1" Commercial Swr.	Cł	_	\$ Rate 41.64 41.64 41.64	Gallonage	Units 21,899 90 26	F	Revenues 911,835 3,747 1,083
All Subs: 48521 48522 48523	5/8" Res. Sewer 5/8" Commercial Swr. 1" Commercial Swr.	Cł	_	\$ Rate 41.64 41.64 41.64	Gallonage	Units 21,899 90 26	F	Revenues 911,835 3,747 1,083

Uncollectible Accounts Test Year Ended December 31, 2008

	 Water	 Sewer	 Total
Test Year / Present Revenues	\$ 365,528	\$ 740,210	\$ 1,105,738
Uncollectible Accounts	 (694)	 (1,417)	(2,111)
Uncollectible %	-0.19%	-0.19%	
PROPOSED Revenues	\$ 452,348	\$ 933,404	
Uncollectible %	 -0.19%	 -0.19%	
Uncollectible Accounts	\$ (859)	\$ (1,787)	\$ (2,646)

Tega Cay Water Serv Rate Case Expense Test Year Ended Dece Updated Rate Case E	ember 31		ated to	hearing		w/p [d]		
Opuated Nate Case E.	хренье -	estiiite	neu io	Hearing		Total		
Total RC expense as o	of 05/31/	2010				57,977		
Unbilled/unbooked l	egal fees					55,809		
Customer Notice - aft			over.					
Postage Stock	3,415 3,415			notices x (1,503 180		
Hearing		Pers	sonnel	Cost	# of Trips/ Nights			
Travel Airfare			3	500	1	1,500		
Hotel/Meals Rental Car			3 -	200 200	1	600 200		
Water Service Person	nel: Fron hours		1/10 t ate	o hearing:				
LG	30	\$	52	1,560	=			
CD	20	\$	119	2,385				
MM	10	\$	38	383				
SL	20	\$	92	1,840				
JC	80	\$	26	2,080				
LY Total	30	\$	29	870		9,117		
Total Cost of current	case - est	imate	d cost	to complet	e	126,886		
Total Rate Case Expe	nse for 20	008 rat	e case			126,886		
Amortized over 3 year	nrs					3		
							Water	Sewer
Amortization Expens	se per ye	ar				\$ 42,295	\$ 21,290	\$ 21,005

Tega Cay Water Service, Inc. Calculation of Taxes Other Than Income Taxes

Test Year Ended December 31, 2008

	Water		 Sewer	Total		
<u>Pro Forma Proposed</u>						
Gross Receipts Increase	\$	86,820	\$ 193,194	\$	280,014	
		0.95919%	0.96%			
Adjustment	\$	833	\$ 1,853	\$	2,686	
Utility/Commission Tax Increase		86,820	193,194		280,014	
		0.00%	 0.00%			
		0	0		0	

Calculation of Income Taxes

December 31, 2008

w/p [g]

WATER	Pro Forma Proposed				
State Income Taxes		Торовей			
Total Revenue	\$	467,636			
Maintenance Expense General Expense Depreciation & Amortization Taxes Other Than Income Interest Expense		166,802 139,724 32,171 52,586 23,528			
Taxable Income (profit)/loss State Tax Rate	\$	52,826 5.0%			
Total State Income Taxes	\$	2,641			
<u>Federal Taxes</u>					
Taxable Income before taxes	\$	52,826			
Less: State I/T		2,641			
Federal Taxable Income Federal Tax Rate		50,184 35%			
Total Federal Taxes	\$	17,564			
		-			
<u>SEWER</u>		o Forma			
State Income Taxes		o Forma roposed			
State Income Taxes	P	roposed			
State Income Taxes Total Revenue Maintenance Expense General Expense Depreciation & Amortization Taxes Other Than Income	P	943,142 346,479 137,857 69,750 62,471			
State Income Taxes Total Revenue Maintenance Expense General Expense Depreciation & Amortization Taxes Other Than Income Interest Expense Taxable Income	\$	943,142 346,479 137,857 69,750 62,471 105,749 220,837			
State Income Taxes Total Revenue Maintenance Expense General Expense Depreciation & Amortization Taxes Other Than Income Interest Expense Taxable Income State Tax Rate	\$	943,142 346,479 137,857 69,750 62,471 105,749 220,837 5.0%			
State Income Taxes Total Revenue Maintenance Expense General Expense Depreciation & Amortization Taxes Other Than Income Interest Expense Taxable Income State Tax Rate Total State Income Taxes	\$	943,142 346,479 137,857 69,750 62,471 105,749 220,837 5.0%			
State Income Taxes Total Revenue Maintenance Expense General Expense Depreciation & Amortization Taxes Other Than Income Interest Expense Taxable Income State Tax Rate Total State Income Taxes Federal Taxes	\$ \$	943,142 346,479 137,857 69,750 62,471 105,749 220,837 5.0%			
State Income Taxes Total Revenue Maintenance Expense General Expense Depreciation & Amortization Taxes Other Than Income Interest Expense Taxable Income State Tax Rate Total State Income Taxes Federal Taxes Taxable Income before taxes	\$ \$	943,142 346,479 137,857 69,750 62,471 105,749 220,837 5.0% 11,042			

COMMON SHAREHOLDERS' EQUITY:		-	31-Dec 2008	Annual Interest Expense	Capital Structure
Common Shares, \$.10 par value; authorize and issued 1,000 shares Paid-in capital Retained earnings	d \$;	100 98,111,656 59,625,258		
Total Common Shareholder's Equity		\$	157,737,014		46.70%
LONG-TERM DEBT: Collateral trust notes- 6.58%, \$9,000,000 due in annual installm beginning in 2017 through 2035 Total Long-Term Debt	nents	\$	180,000,000	11,880,000 \$ 11,880,000	53.30%
TOTAL CAPITALIZATION		\$	\$ 337,737,014	11,880,000	100.00%
COST OF DEBT		=	6.60%		
	Long-Term Debt Common Equity		Ratio 53.30% 46.70% 100.00%	<u>Cost</u> 6.60% <u>11.18%</u>	Weighted Cost 3.52% 5.22% 8.74%

W/P [h]

Pro Forma Interest Expense

	Water	Sewer	Total
Pro Forma Present Rate Base	668,882	3,006,344	3,675,225
Debt Ratio	53.30%	53.30%	53.30%
Embedded Cost of Debt	6.60%	6.60%	6.60%
Pro Forma Interest Expense	23,528	105,749	129,277

Tega Cay Water Service, Inc. Calculation of Working Capital December 31, 2008

		Water
Test Year		
Maintenance Expenses General Expenses		104,194 167,705
Taxes Other Than Income	_	42,653
Total	_	314,552
Working Capital	45/360	39,319
Pro Forma Present		1// 200
Maintenance Expenses General Expenses		166,802 139,724
Taxes Other Than Income		51,753
Total	_	358,279
Working Capital	45/360	44,785
	_	Sewer
Test Year		
Maintenance Expenses		363,782
General Expenses		165,462
Taxes Other Than Income	_	48,048
Total	_	577,291
Working Capital	45/360	72,161
Pro Forma Present		
Maintenance Expenses		346,479
General Expenses		137,857
Taxes Other Than Income	_	60,618
Total	=	544,953
Working Capital	45/360	68,119

Pro Forma Plant December 31, 2008

				Total				Estimated			
	Project	Costs to		Cost of				Date of	W/O or Database	Est.	Placed In
Line	Description	Date		Project	Water		Sewer	Completion	Number	Completion	Service
1	Install UV disinfection at WWTP # 2	230,27	8	230,278		-	230,278	May-2010		1 Q 2010	Y
2	Install UV disinfection at WWTP # 3	239,10	2	239,102		-	239,102	May-2010		1 Q 2010	Y
3	TC #2 TP04	103,41	9	103,419			103,419	May-2010		1 Q 2010	Y
4	TC #3 TP04	109,04	0	109,040			109,040	May-2010	2010119	1 Q 2010	Y
	Totals	\$ 681,83	9	\$ 681,839	\$ -		\$ 681,839				

w/p [j]